

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: rcmorris@mars.ark.com (ray)
Subject: --heath IG426 schem--
Message-ID: <199609212316.QAA19980@mars.ark.com>

Greetings all;

Viking Adventurer and Heath GR54 RX now working FB, tnx to manuals and schematics from this group...Tnx all.

I have another problem set: a Heathkit IG426 HF Sig.Gen.(0to30Mhz). Its a three tuber ; 0B2, 12AU7 and one buried in the copper bowels of the set. Would appreciate any info on this model that anyone has. Usual gratuities apply. TIA.

Ray. VE7FBJ. rcmorris@mars.ark.com

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: launerb@crl.com (William H. Launer)
Subject: Re: 10 Meter am frequencies
Message-ID: <v01530505ae69cda951e5@[192.0.2.1]>

Thanks to all who responded to my query about 10 m am frequencies. The general consensus is from 29.0 mc (calling frequency) to 29.2 mc. Hope to see you on the band.

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arc1 #3551
Grid Square EM48RT

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Re: ?? SLR-12B ??
Message-ID: <9609210958.AA09569@amos>

Phil, hi. That's a shipboard entertainment RX made in WW2 by E H Scott in Chicago. It had a tricky RF input lay-out that contributed to "Low (LO) radiation" so subs cudn't 'hear' ur radio RX.,

Mil name was RBO (slide rule dial) & RCS (round dial). There was an AWA art'l on these recently & I cud send it if you wind up the owner

Marty

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Merv Schweigert <k9fd@htc.net>
Subject: Address
Message-ID: <9609211341.AA06159@ns.htc.net>

Does anyone have the e-mail address of the gentleman in Canada who was selling parts about 2 months back, I believe his name was Gordon Symonds. I lost the e-mail address and need to get in touch with him. Any help please ? 73 Merv

```
*****
* Merv Schweigert           Key Collector, Paddles, Bugs, Straight Keys *
* 9694 S. Prairie Road      *
* Red Bud, Ill 62278        Looking for Keys and code/telegraph Items.. *
* 618-282-3953 Voice        *
* 618-939-FAXX Fax          Appreciate any calls or leads..... *
* k9fd@htc.net E-mail       *
*                           K9FD Know Code *
*****
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From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: List Admin/Owner BoatAnchor Mail List <listown@jackatak.theporch.com>
Subject: ADMINISTRIVIA: ENUFF OF THE BALLOON THREAD!
Message-ID: <9609211551.aa15238@jackatak.theporch.com>

Gang-

Yeah, it's the weekend, and yeah, every once in a while a *little* off-topic probably doesn't hurt...

BUT, this week, on the list, we have been subjected to some horrendous puns about Faraday's Birthday, and even after being asked to stop and take it elsewhere, the balloon thread continues.

ENOUGH already!

The subject is a general topic that could better be discussed in

several other venues, but it is NOT an appropriate topic for the BoatAnchor list. (I admit, I'd rather read about balloons than listen to people bitch about for sale techniques, but) we need to exercise a little, just a smidgen, COMMON SENSE.

The list is chartered to focus on vintage tube radios, and the folks who designed, built, and operated them. This is simply NOT the place for general ham topics or other inquiries that you might feel comfortable asking of a group of friends. There are other places for such discussions, and most of you know where they are... I'll help re-direct those who really don't know about the "other venues".

PLEASE let up and leave these off-topic threads alone to die of their own inappropriateness... I'd don't want to have to play rough, but I shall if necessary.

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com ----- firebot1@jackatak.theporch.com

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: WA0HQQ <tirevold@atl.mindspring.com>
Subject: An R-390A Saga ...
Message-ID: <2.2.16.19960922013621.39af1dce@pop.atl.mindspring.com>

Fellow BAers -

This week, I received a Miltronix R-390A (a '62 Amelco) superbly done up by Rick Mish. His work is incredible! The unit is sparkling inside and out. The front panel is immaculate and the knobs are a uniform shiny black with excellent white striping. I am absolutely delighted with the receiver! I have wanted to obtain and operate a "benchmark model" of these marvelous electric machines for years.

Getting an undamaged BA through the UPS shipping network, on the other hand, proved to be a time consuming and frustrating experience for both Rick and I. When I first received the receiver last May, I discovered a flaky problem and Rick insisted that I return the unit. The "problem" turned out to be a tubular capacitor out of place in the RF deck so it touched another component because it was slightly displaced by a flatted shaft as the MC/KC knob combination was turned to three specific frequency settings. Rick had never seen it happen before. It could not have been detected in any of the "by the book" checkout tests.

Then began a series of UPS-insured trips back and forth to Toledo, nearly

all of which resulted in shipping damage. On one trip, three of the four mechanical filters were damaged, resulting in their input or output transducer coils being open (they had worked fine earlier). In another, the front panel was missing a corner and had embedded concrete in it. The AF subchassis had also torn loose and the crystal oscillator subassembly was damaged. Rick replaced the IF strip, front panel, crystal oscillator subchassis, and repaired the AF subchassis. Rick stood behind his work every time - commenting "This radio has been through a war and we can't get it through UPS." The man has the patience of a saint and the persistence of a bulldog! Finally, after five trips (three southerly and two northerly) the UPS-Murphy-gnomes left it alone and I possess a sparkling "new", most assuredly stress-tested R-390A. It was worth the wait!

Every time it was in his possession, Rick made sure the unit was up to his standards, even accusing me of taking the covers off to watch the mechanism "dance" (I did - I couldn't resist!), because he had to "tweezer some of your hairs out of the gears." This guy is thorough!

Rick is a pentultimate craftsman and a pleasure to work with. He and I traded many phone calls while getting the shipping issues straightened out, and I can say for certain - this guy really, really likes his work and stands behind it! I'd recommend his work anytime - in a heartbeat!

Al, WA0HQQ

- tirevold@atl.mindspring.com -

Trinary-Digital-Communicator (Dots, Dashes, and Spaces)

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996

From: "Ray L. Mote" <rmote@rain.org>

Subject: BA Capacitance Tester (ZM-3A/U), CE sideband slicer

Message-ID: <Pine.SUN.3.94.960921124519.29561A-100000@coyote.rain.org>

Had a ball at the DeVry Tech swapmeet (old Rio Hondo College gang) today. The Asian test equipment lady had a ZM-3A/U capacitor tester sitting there for \$50 that followed me home. On checking closely, it came out of March AFB DRMO and looks to be *new*! Two copies of the 1951 manual and 1954 & 1955 changes (C1 & C2), and the instrument was on a 1957 contract. A whopping 50 pounds, in the transit case.

You'll never believe how they used an 807 in this baby: as a half-wave rectifier for leakage tests on electrolytics! (Voltage is variable 0-60 and 0-600V in two ranges). Tube lineup is 12AU7, 6C4, 6BA6, 6X4, 0A2, pair of 0B2, 6SL7 and the 807. Haven't checked to see if they packed the spares inside the case, but I sure hope so! That would be a total of 25 tubes (9 working and 16 spares), and would be worth the \$50 just for the tubes.

Also found a CE sideband slicer for \$15 in pretty good cosmetic shape. Is that worth hanging on an R-390A output? (Will be looking either for manual or for someone who just *has* to have one of these beasts.)

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: BA's on WWII planes
Message-ID: <3244802B.27DB@ghgcorp.com>

Greetings Fellow Fine Firebottle Fanatics!

Went to the Houston air-show all day today, where all sorts of great WWII bombers and fighters were on display. Most were not roped off, so you could peek into cockpits at your heart's content. The big things I enjoyed seeing was the Confederate Air Force's B-17 named the Texas Raider and their B-29 named FiFi. The Texas Raider had the original radio equipment according to the signs, so I paid the \$3 and squeezed my plump body thru her. (of course, this was complicated by camera, camera bag, scanner, bomb bay being a very tight fit, etc...) Well, the radio position was wonderful! I don't know how accurate it was, but it had a BC-348 on the table, and several what looked to me to be "command set" transmitters. One roll of film down.

On to FiFi. Tour this time was \$5, but since FiFi is the last flying B-29 in the world I thought it was worth it. She didn't have an accurate radio position according to the guy giving the tour, as she had only a single BC-348. About half a roll here.

Later in the afternoon, Fifi and her B-17 cousins (there were two!) took to the skies along with some Corsairs, P-47's, Mustangs, and many planes painted like Zero's. After shooting another roll of film, a tear welled up in my eye. Seeing these old airplanes flying touched me.

Imagine the stories these airplanes could tell! All of a sudden, it became obvious why I love BA's so much. Everytime I hit the B+ I am using a historical artifact. I am directly connected to bygone eras, eras where people of the world merged together to fight a common enemy.

I cannot imagine what spook stories the R-390A could tell! Or the Navy stories the R-366 could tell. Or the stories of Apollo days told by the Nems-Clarke.

Anyone have a nice BC-348 for sale?

BTW, if the pictures come out, I'll make arrangements to put them on the web.

Thanks and 73,
Ben

--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHGCorp.com -or-	involving Earth, Air, Water, and
BHall@GP802.JSC.NASA.gov	Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time."

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: RS@HAM.ISLAND.NET
Subject: BA's on WWII planes
Message-ID: <VeVmuD2w165w@ham.island.net>

"Benjamin D. Hall" <bdhall@ghgcorp.com> writes:

> Greetings Fellow Fine Firebottle Fanatics!
>
> Went to the Houston air-show all day today, where all sorts of great
> WWII bombers and fighters were on display. Most were not roped off, so
> you could peek into cockpits at your heart's content. The big things I
> enjoyed seeing was the Confederate Air Force's B-17 named the Texas
> Raider and their B-29 named FiFi. The Texas Raider had the original
> radio equipment according to the signs, so I paid the \$3 and squeezed my
> plump body thru her. (of course, this was complicated by camera, camera
> bag, scanner, bomb bay being a very tight fit, etc...) Well, the radio
> position was wonderful! I don't know how accurate it was, but it had a
> BC-348 on the table, and several what looked to me to be "command set"
> transmitters. One roll of film down.

Ummm...yes. I went through another CAF B-17 that came through here in August. That Vee shaped support beam in the middle of the bomb bay IS sorta narrow, isn't it? They apparently were also up at Comox and one spreading aficionado actually got stuck there. Then hung up on a belt, etc. They eventually got him out the bomb bay (while on the ground :-)) but it took a couple of hours. I KNOW I had to really suck in the old gut going through there.

I guess I better send the film away and get it developed this week - it's been sitting in the camera bag long enough.

73, Bob, VE7HS

rs@ham.island.net

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: balloons--gas for
Message-ID: <3243607B.1A60@txdirect.net>

Propane and methane (natural gas) are marginally lighter than air and have little lift ability.

Bill K5LLK

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Boatanchor Storage (Long Term)
Message-ID: <Pine.ULT.3.91.960920212731.13881D-100000@dua150.kpt.emn.com>

I just read an interesting article in "Chemical and Engineering News" that has some peripheral interest to Boatanchor collectors. The article was entitled: "Chemists Learn to Preserve Historical Polymers While Probing Their Nature".

The connection to Boatanchors concerned the preservation of plastics, which for us generally means dials, knobs, insulators, face-plates and sometimes cases. Of particular interest were some statements by Edward Then, a senior conservator with the Science Museum in London. Some of his recommendations are fairly obvious but a few were new to me. Remember these are for museum pieces where the items are intended for very long-term storage.

1. Separate plastics by polymer type and isolate degraded plastics and metal parts.
2. Keep temperature and humidity constant, preferably low.
3. Keep lighting low, avoiding ultraviolet (sunlight, fluorescent lights).
4. Keep potential gas emitting plastics, such as cellulose nitrates and acetates and polyvinyl chloride, in well ventilated areas and leave space between objects to avoid cross-contamination.
5. Handle objects with gloves.

6. Identify the polymer before doing any treatment, especially with solvents.
7. Use inert padding to support objects liable to harden in a distorted shape.

The interesting one was Number 4. It seems this is a common problem in museums because deterioration is often "contagious". Nitrogen dioxide from the denitrification of cellulose acetate is particularly bad since it forms nitric acid which can attack other objects and especially metals. Cellulose nitrate, while not often seen today because of its fire hazard, was once the most common plastic, having been commercially available since the 1870's. [As a chemical note, the degradation is related to the residual sulfate content in the nitrate; items having the most sulfate deteriorate the fastest.] Off-gassing of plasticizers in polyvinyl chloride plastics is also a problem as it leaves the remaining plastic brittle but with a sticky surface. The "sweating" of vinyl can stain surrounding items and attack some metals such as aluminum. The other common cellulosic ester plastic is cellulose acetate. It is not nearly as damaging as cellulose nitrate when it degrades, and while it degrades much more slowly, the same ventilation rules apply.

So, you collectors who carefully wrap up your museum-piece boatanchors, place them in a box, and put them on a shelf to never be opened until the time comes to collect on your "investment" -- you may be in for a big surprise a few years from now!

The article goes on to suggest the use of a special indicator paper that can be placed near plastic pieces to give warning of acid fumes being given off by degradation. It might not be a bad idea to include this when you pack those museum-pieces away. Then you should check it frequently. The article includes a photograph of a 1950's vintage "All American Five" clock radio with two knobs, volume and tuning. The bright yellow radio and its clear clock and tuning dial faces appears to be in excellent condition. So do the knobs, but some indicator paper next to one knob has turned color while that next to the other knob has not. It is obvious which knob will be destroyed in a few years, and it is clear that other pieces of this radio will likely be damaged in the process.

Aging is inevitable and we cannot totally prevent the process in our radios, much less in ourselves. [I think I emit more acid fumes and comments as I get older too!] In my case, I have no museum-quality boatanchors and I doubt if many of us really do either. And I, personally, don't want any. Why not enjoy your radios while you can? Have fun with them, use them as intended, care for them well - but don't expect a future bonanza or a retirement income twenty years from now.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
 From: Eugene Rippen <soundval@foothill.net>
 Subject: Books FS
 Message-ID: <32444222.4AC9@foothill.net>

ALLIED ELECTRONICS 1971 INDUSTRIAL CATALOG		Edition: 710	Vol:
Date: 01/01/71 Author:	G		3.50
ANALYTIC GEOMETRY AND CALCULUS		Edition: 1	Vol:
Date: 01/01/37 Author: MORRIS & BROWN	G		4.50
ARRL ANTENNA BOOK		Edition: 13	Vol:
Date: 01/01/74 Author:	G		3.50
ARRL EMERGENCY COORDINATOR'S MANUAL		Edition:	Vol:
Date: 01/01/84 Author: RILEY, EDIT.	VG		2.00
ARRL FCC RULE BOOK		Edition: 4	Vol:
Date: 01/01/85 Author:	VG		2.00
ARRL FCC RULE BOOK		Edition: 6	Vol:
Date: 01/01/86 Author:	VG		2.00
ARRL FM AND REPEATERS FOR THE RADIO AMATEUR		Edition: 1	Vol:
Date: 01/01/72 Author: MC MULLEN	G		4.00
ARRL FM AND REPEATERS FOR THE RADIO AMATEUR		Edition: 1	Vol:
Date: 01/01/72 Author: MCMULLEN, EDITOR	G		3.50
ARRL FM AND REPEATERS FOR THE RADIO AMATEUR		Edition: 1	Vol:
Date: 01/01/76 Author: MC MULLEN	F-G		3.50
ARRL RADIO AMATEUR'S HANDBOOK 1949		Edition: 26	Vol:
Date: 01/01/49 Author:	F, COVER CONSIDERABLE WEAR		9.00
ARRL RADIO AMATEUR'S HANDBOOK 1952		Edition: 29	Vol:
Date: 01/01/52 Author:	F-G		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1956		Edition: 33	Vol:
Date: 01/01/56 Author:	G		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1963		Edition: 40	Vol:
Date: 01/01/63 Author:	G-VG		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1974		Edition: 51	Vol:
Date: 01/01/74 Author:	G		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1976		Edition: 53	Vol:
Date: 01/01/76 Author:	VG		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1976		Edition: 53	Vol:
Date: 01/01/76 Author:	G		11.00
ARRL RADIO AMATEUR'S HANDBOOK 1976		Edition: 53	Vol:
Date: 01/01/76 Author:	F-G		9.00
ARRL RADIO AMATEUR'S HANDBOOK 1978		Edition: 55	Vol:
Date: 01/01/78 Author:	G		11.00
ARRL RADIO AMATEUR'S HANDBOOK 1978		Edition: 55	Vol:
Date: 01/01/78 Author:	VG		12.00
ARRL RADIO AMATEUR'S HANDBOOK 1981		Edition: 58	Vol:
Date: 01/01/81 Author:	G		10.00
ARRL RADIO AMATEUR'S HANDBOOK 1982		Edition: 59	Vol:

Date: 01/01/82 Author:	G		10.00
ARRL UNDERSTANDING AMATEUR RADIO		Edition: 1	Vol:
Date: 01/01/63 Author: GRAMMER	F-G		4.50
COMPLETE ALGEBRA, PRINTED 1883		Edition:	Vol:
Date: Author: WENTWORTH	F, SM	PIECE SPINE COVER GONE	4.00
CQ NEW MOBILE HANDBOOK		Edition:	Vol:
Date: 01/01/56 Author: ORR, ET AL	F, SM		4.50
DIFFERENTIAL EQUATIONS		Edition: 1	Vol:
Date: 01/01/33 Author: FORD	G		3.00

ADD A TOTAL of only \$2 for each whole shipment.
Eugene Rippen, 105 Donnington, Auburn, CA 95603 No phone calls please.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: Collins antebba tuner
Message-ID: <324365BF.4D23@txdirect.net>

Tom:

The 180U-2 is designed for 2 thru 30 Mhz. If you bring the line to resonance before applying high power it can be used safely to 500 watts or so.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: CONELRAD/EBS equipment
Message-ID: <32435F8C.60D@txdirect.net>

CONELRAD had two purposes:

1. Prevent enemy missiles from using radio signals to guide them to a target, and
2. Provide standard frequencies from which you could receive Civil Defense information and directions.

They were not monitored to see if they went "off the air" as these frequencies were not used by any stations except during a CONELRAD alert. You monitored them to determine when they went "on the air."

I still have a CONELRAD monitor, which was required of all amateur stations. Mine was made from an ARC5 receiver tuned to 1240 KC which had a relay to activate a buzzer in the event the AGC level exceeded

a given voltage.

During this period I used to moonlight by babysitting the xmitter site of one of the local FM stations and one of my duties was to put in a crystal and retune the xmitter to 1240KC in the event of a CONELRAD alert. No one ever explained to me just how I was to move this multi-kilowatt behemoth from above 100 MHz to below 2 MHz without having to totally rebuild it.

Bill K5LLK

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: Re: CONELRAD/EBS equipment
Message-ID: <Pine.GS0.3.93.960921065847.24400A-100000@uhunix5>

Boy, you guys need to get your stories straight. One person says the monitor was used to determine when stations went off the air, another when stations went on the air. Is it possible the rcvr could be used in either mode, the choice being up to the user?

Jeff KH2PZ

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: CONELRAD/EBS equipment
Message-ID: <Pine.ULT.3.95.960921124310.14587A-100000@admin.aurora.edu>

On Sat, 21 Sep 1996, Jeffrey Herman wrote:

> Boy, you guys need to get your stories straight. One person says
> the monitor was used to determine when stations went off the air,
> another when stations went on the air. Is it possible the rcvr
> could be used in either mode, the choice being up to the user?

OK - here is the REAL way it was.

1) All stations had to monitor a primary or secondary "control" station on their regular frequency. In our case, being near Chicago, the primary was WGN (720kc) and I think the secondary was WBBM (anyway, one of the 50kw jobs). If there was an emergency, that station would give the "activation sequence" and emergency message.

2) If an emergency was declared, the non-conelrad stations would give the same "activation sequence" - carrier off 5 seconds, on 5 seconds, off 5 seconds, on with 15 seconds of 1000 Hz tone followed by the emergency announcement. The announcement would advise the listeners to switch to either 640 or 1240kc, then the non-conelrad stations would go off the air (AM, FM and TV).

3) Conelrad stations would then switch their rigs to either 640 or 1240 kc. Further official announcements would then be broadcast and the stations would be switched on and off from some control point via land-line signals. When one station would go off, another would come on, in a rotating pattern. The object was so that any incoming enemy planes/missiles could not home in on a particular location.

4) Stations would then switch their receivers over to 640 or 1240 just as any home listener would do.

5) When Conelrad was phased out and replaced by EBS, the difference was that if you were an EBS station, you did not switch your transmitter to 640 or 1240 but stayed on your assigned frequency as normal. Stations still monitored their "control" station just as before.

6) All stations can also originate their own EBS transmissions when requested by local authorities or the weather bureau, since it became obvious that severe weather was more of a "real" threat than an incoming missile.

7) Ham stations were supposed to monitor an active local broadcast station - not 640 or 1240 (unless your local station happened to be on one of those freqs).

8) The main criteria for an AM station to be part of the Conelrad or EBS network was to have emergency power.

9) The commercial receivers I used, at least the better ones, had maybe 2 or 3 "fixed" (internally adjusted) switch settings for monitoring the "control" stations. It also had 2 switch positions for 640 and 1240kc. The cheaper receivers also had the signal sensing circuits and relay contacts for remote alarms, but otherwise were just normal tunable superhets (usually rack mounted). Normally, the speaker was muted but would turn on when the warning signal was sensed. If I recall correctly, most of the Conelrad/EBS receivers just activated on loss of carrier (delayed drop-out) and did not actually look for the tone.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: CONELRAD/EBS equipment
Message-ID: <324457AD.C94@txdirect.net>

During the period of CONELRAD (CONtrol of Electromagnetic RADiation) there were no stations operating on the frequencies of 640 or 1240 Kc. The CONELRAD monitor was to alert you of an alert by detecting a signal on either of the frequencies.

Bill Ross K5LLK

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: CONELRAD/EBS equipment
Message-ID: <3244602C.2C09@txdirect.net>

Well...EXCUSE ME!

The gentelman is right for broadcast stations. Ham stations had to monitor any braodcast station to detect the loss of carrier which "might" indicate a CONELRAD elert. They were then required to close down operations until they either determined that there was no alert or conditions were returned to normal.

I was confused about what frequency I was monitoring so I went out to the garage and dug out my CONELRAD monitor. It is still tuned to 1200 KC, WOAI a local clear channel 50 KW 24 hour station.

Now I've got to go to the bathroom. . . If I can just remember where I put it.

Sorry about the confusion.

Bill K5LLK

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: CONELRAD/EBS equipment
Message-ID: <01I9R0ETTMUA000N8H@ACS.EKU.EDU>

Bill wrote>>

During the period of CONELRAD (CONtrol of ELEctromagnetic RADiation) there were no stations operating on the frequencies of 640 or 1240 Kc. The CONELRAD monitor was to alert you of an alert by detecting a signal on either of the frequencies.

<<<

Sorry - not so. One of our local stations - WTAX, Springfield, Illinois, operated on 1240, and I think there was a St. Louis station on 640...

The idea of everyone getting OFF the air in case of emergency, and the 640 or 1240 stations switching transmitting locations periodically is (I believe) the correct recollection. The idea being that one could get emergency info by tuning to one OR the other frequency, and while signal strength would change as transmitters switched around, the received messages would still be complete for any given area.

My CONELRAD monitor was a homebrew one-tube receiver that got its power from my NC-88 accessory socket, and was tuned to the strongest local station NOT on 640/1240 (970 kHz, as I recall), and there was a small light on the front which stayed lit as long as a signal was received - also could check with earphones and jack on the front of the mini-box...

73, Al N5AIT

modsteph@acs.eku.edu

Allan Stephens

Richmond, Kentucky

LOOKING FOR (WTB): Morrow RTS-600S ps/spkr
Multi-Elmac M-1070 ps
Harvey-Wells APS-50 ps

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996

From: jml@innercite.com (Jim Lockwood)

Subject: Re: CONELRAD/EBS equipment

Message-ID: <199609220151.SAA20685@spider.innercite.com>

>The CONELRAD monitor was to alert you of an alert by detecting a signal
>on either of the frequencies.

The commercial Heathkit CA-1 Conelrad Alarm worked by (indirectly) detecting

that a Conelrad broadcast station had stopped transmitting on its normal frequency (so it could either close down or QSY to 640 or 1240).

73,

Jim - km6nk

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
Subject: DRAKE AC4 Power Supply FS: \$75

If anyone needs a working AC4 power supply for their Drake, I'll ship them one for \$75. I bought it at the TRW swapmeet and I've cleaned it up, it looks nice.

Don Rasmussen WB8YQJ/6
drasmussen@eosintl.com
(619) 434-6135

----- Forwarded message ends here -----

* * * * *
* NOTE: The message above is a re-post from the newsgroup rec.radio.swap. *
* All replies *must* go to the person making the post, not me. *
* * * * *

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: wb6zwc@ns.net
Subject: Faraday and the boys
Message-ID: <199609212111.0AA07856@tomcat.ns.net>

It seems that Faraday and Maxwell, one may consider to be two opposing poles, are still causing a stir in the "hair splitting" physics departments of our universities.

So with the idea of a Happy Birthday to a powerful mind here are a few recent comments:

"Electromagnetic induction is usually attributed to generation of electric fields (Faraday induction) and to generation of magnetic fields (Maxwell induction) by changing electric fields. However, an analysis of the causal relations in time-variable electric and magnetic fields has shown that neither of the TWO FIELDS CAN CREATE THE OTHER, and that in time-dependent systems both fields are simultaneously created by a common CAUSATIVE SOURCE--THE TIME-VARIABLE ELECTRIC CURRENT. A time-variable electric current creates an electric field whose direction is parallel to the current. This field exerts a "DRAGGING FORCE" on electric charges located within nearby conductors thus creating induced electric currents in them."

It gets somewhat complicated after that, but I find it interesting that after this many years, a work that has stood the test of time, is still being refined.
=====

Richard@Sacramento,Ca.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Dan Martin <dmartin@visuallink.com>
Subject: Faraday Question
Message-ID: <3243EC69.38E6@visuallink.com>

Hello to all:

With all the levity about Faraday going on, does anyone feel qualified to give a brief tutorial on the concept of a Faraday Shield? I am aware of such a thing and have heard of the term over my 29 years of hamming, yet when I recently had reason to learn more, I could not find mention or explanation of Faraday Shield in any of my old Handbooks (!) For example, B&W used to sell a "Faraday shielded base" for use with their line of plug in coil forms and jack bars. Who can characterize these things? How do they function? What effective purpose did they serve? Thanks in advance to the wise and brave that will respond!

73 de Dan
WB4GRA
Winchester, VA

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Bob Roehrig <bproehrig@admin.aurora.edu>
Subject: Re: Faraday Question
Message-ID: <Pine.ULT.3.95.960921101022.29457A-100000@admin.aurora.edu>

On Sat, 21 Sep 1996, Dan Martin wrote:

> Hello to all:

>

> With all the levity about Faraday going on, does anyone feel qualified
> to give a brief tutorial on the concept of a Faraday Shield?

Very briefly, the purpose is to prevent electrostatic coupling while allowing magnetic coupling. This was used extensively in transmitter output tank circuits that used link coupling to the antenna. An example would be to make a link coil, say 2 turns, around the output plate coil. You can make the Faraday Shield by using a piece of coax for the output link. You merely bare the end of the coax as though you were going to install a connector on it. You take the center conductor and solder it back to the shield where the coil turn starts. You DO NOT connect the end of the shield to anything. Commercially, it was often done by winding ordinary insulated wire on a copper form that had a split in it (otherwise a continuous turn of the copper would be a shorted turn). The copper form is grounded.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Re: Faraday Question
Message-ID: <9609211948.AA09694@amos>

I think B&W's link-deal supposedly eliminated capacitive voltage pickup of the link in the tank coil letting the turns within the shielded enclosure extract energy by inductive p/u only. Capacitive p/u via micro micro FARAD[ay]S - get it? Note. the metal 'link enclosure' was not completed. The can was kind of a near-closed C-shape so it wouldn't act like a shorted turn.

Believe it supposedly prevented VHF energy from parasitics outa the feed line.

Guess is a Faraday shield in general is is just a device to prevent E-field pick-up whether it be electrostatic or electromag.

And besides the sanitary napkin spoof earlier today, I always thot that "Faraday Shield & the Swinging Links" cud be a hamfest band name.

Marty

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
Subject: FS: Drake R4 (original) receiver

I'm the original owner of this Drake R4 (not A, B, or C) receiver. It has had very little use and is in excellent, unmodified condition. I live in a condo and have given up hope of ever being able to have an antenna again.

Will take \$175 plus shipping from Indiana. Includes manual.

W9HAJ
LeonN@Juno.com

----- Forwarded message ends here -----

* * * * *
* NOTE: The message above is a re-post from the newsgroup rec.radio.swap. *
* All replies *must* go to the person making the post, not me. *
* * * * *

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
Subject: FS: Heath SB200 Linear Amp

I'm the original owner of this Heath SB200 Linear Amp, and built it myself. It has had very little use and is in excellent, unmodified condition. I live in a condo and have given up hope of ever being able to have an antenna again.

Will take \$295 plus shipping from Indiana. Includes manual.

W9HAJ
LeonN@Juno.com

----- Forwarded message ends here -----

* * * * *
* NOTE: The message above is a re-post from the newsgroup rec.radio.swap. *
* All replies *must* go to the person making the post, not me. *
* * * * *

Dick Dillman
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<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: scotgray <scotgray@cwnet.com>
Subject: FS: S20R Sky Champion
Message-ID: <324377E1.4E28@cwnet.com>

Have a nice working S20R "Sky Champion". Speaker was replaced and the Covered dial, top lid and bottom carefully repainted from stock gray to a complementing metallic blue. Guts are squaky clean... Sparkles. Outside a 7.5 to a 8, inside 8.5, No Mods. Tasteful repaint on the Dial and lid about a 8.

Bought it from a OT along with a Elmac AF-67. Package deal. Didn't want the RX. Station removed from active 80 and 40 CW. Keeping the AF-67 to match my HQ-160.

Sell or swap for a nice clean S40A or B, or working Heath HG-10B VFO or a clean Drake W4 wattmeter. I haven't decided on a price... I guess I would take 50 bux and you ship.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: FS: Xtal. Cal., VTVM, Sig. Gen, Decade Box
Message-ID: <74272.ddillman@igc.apc.org>

Greetings, all. I'm thinning things out just a teensy bit around here, so the items below are available. All prices are plus shipping from San Francisco, 94105.

* Crystal Calibrator - Bud model FCC-90B. Small gray hammertone chassis with perforated sides and tubes (50C5 and 35W4), switch (standby-off-calibrate), trimmer and crystal mounted on the top. The crystal is the silver cylinder type, 100Kc. Appears to have been re-capped. Good operational and physical condition. Just the thing for BA receivers without a built in calibrator. \$40.

* VTVM - RCA Senior VolthOhmyst model WV-98C. Satisfyingly heavy cast

aluminum case in hammertone blue. Black leather carrying handle with white stitching . With original RCA tubes (12AU7 and 6AL5). With original RCA probe. Appears to be operational on all ranges. Uses 1.5V D cell. Current cell has leads soldered on. Chassis stain in area of cell indicates that previous cell leaked. Stain confined to small area. No components or leads effected. A useful and attractive addition to any BA test bench. \$40.

* Signal Generator - Heathkit Precision, no model number on panel. In lunchbox-size case. Front panel is gray with maroon markings. Red jewel pilot light. Covers 160Kc. to 220Mc. (100Mc. to 220Mc. on harmonics) in five bands. With tubes 12AU7 and 6C4. Competently assembled. Appears operational on all bands. Band change switch stiff - a shot of the magic elixir DeOxit should cure this. Very slight scratch near top band calibration arc, not visible from most angles. \$25.

* Condenser Decade Box - Heathkit model DC-1. Gray panel. Wooden case. Competently assembled with ceramic switches. \$10.

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: DRAKE AC4 Power Supply FS: \$75
Message-ID: <80122.ddillman@igc.apc.org>

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From: Don Rasmussen <73642.1571@CompuServe.COM>
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: Drake R4 (original) receiver
Message-ID: <80127.ddillman@igc.apc.org>

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From: lneuzer@holli.com <lneuzer@holli.com>
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Sat Sep 21 22:17:26 1996

From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: Heath SB200 Linear Amp
Message-ID: <80132.ddillman@igc.apc.org>

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From: lneuzer@holli.com <lneuzer@holli.com>
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: TRADE Nat. NC-46 Rcvr for HF MOBILE ANTENNA
Message-ID: <76113.ddillman@igc.apc.org>

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From: Michael J. Scanlan <mscanlan@barepower.net >
Newsgroups: usenet.rec.radio.swap
From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Greasing Hammer Slugs
Message-ID: <UPMAIL03.199609210137530544@msn.com>

Clark Wrote:

Now that I'm just about ready to align my HQ-170, I have a question: Can I use WD-40 or contact cleaner with Teflon to lubricate sticky coil cores? Is there another product that would work better?

Thanks in advance,

de Clark, KD9QI

cmthomp1@facstaff.wisc.edu

Hi Clark, Have you tried to turn any of them yet? and I mean top and bottom. If any of them don't move with a reasonable amount of torque. STOP. You will twist the windings off the bottom of the form, remember this is Litz wire and extremely fragile.

I have tried Horse Piss, Bug Spray, WD-40, Silicone spray, Praying to get them to free up. I had one bottom slug on my HQ-170A respond after waiting overnite after soaking with WD40.

Like I wrote a while back., the big problem in these sets are that the paper coil forms have curved over the years and the slugs are not the problem but the alignment of the coil form.

If you hit a stuck one, leave it that way and tune around , otherwise you are just asking for trouble. It may not be a perfect alignment but it's better then

a dead HQ.

Good Luck My Friend and I hope
someone is watching over you.
fritsche@msn.com

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: Bill Meara <74537.1100@CompuServe.COM>
Subject: Hello from N2CQR/4
Message-ID: <960921233240_74537.1100_EHH99-4@CompuServe.COM>

Hello Anchorologists!

I just wanted to drop you all an e-note to let you know that my Boatanchors were successfully hoisted from their tropical anchorage in Santo Domingo and are now wiggling the ether from exotic Falls Church Virginia! Nothing damaged in the move (although its hard to tell for sure since - as you all know - my HW-101 has never worked properly!). The movers wrapped the BA's in cardboard then built special wooden crates for each one. The cardboard-wrapped rigs went into the boxes with packing paper as the shock absorber. Seemed to work.

I've got a pretty cool basement shack at the new QTH and I've set up the station almost exactly as I had it in Santo Domingo - I even had them ship my beloved plywood operating desk (with all my notes scribbled on it and with the holes from where I drilled a little bit too far!).

As always, the HT-37 and the Drake 2-B are performing without problems, but my HW-101 is acting up. I'm tired from the move and am suffering from culture shock in my own country (I've been gone a while!) so I'll ask for some early troubleshooting help from the list members.

The HW-101 is drifting a lot on receive. It seems to be temperature related, and the situation improves with warm up, but it is not settling down as quickly as it used to. What do you guys think? Tube? Power supply?

The other problem is that on receive, I from time to time hear a little crackle in the audio output. Just individual little sounds. almost like something is arcing or shorting to ground. Its there with or without antenna and its there even when the RF gain is turned all the way down. Any ideas?

Its good to be reading the BA list and seeing all your calls once again.

73 Bill N2CQR/4 74537.1100@compuserve.com

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996

From: Terry Dobler KJ7F <kj7f@micron.net>
Subject: Help find specs for blower
Message-ID: <2.2.16.19960920210240.241fe62c@micron.net>

Gang,

I have a Dayton blower that I need to find the specs on. It is a Model 4C005. I couldn't find it listed in any of my literature. Anyone have a complete Dayton catalog?

Terry KJ7F

kj7f@micron.net (Boise, Idaho) <http://netnow.micron.net/~kj7f>

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: HELP! SP-600 round 4
Message-ID: <Pine.ULT.3.95.960921122831.14389C-1000000@admin.aurora.edu>

Well, I have put the SP-600 back in the rack, having other things to do for now. It is working splendidly except for the shifting IF problem, which can wait a while. I did run some tests to try and find out if it might be one particular stage and it appears that both 2nd and 3rd stages are contributing to the problem. I fed the sig gen into the IF string at the grid of both V9 and V10 with the same results:

BW/kc	center freq
3	455
8	452
13	448

Switching between the 3kc and narrower xtal positions, there is no problem. So it would appear to be related to the coil turns being switched in the 2nd & 3rd IF cans. Thanks to all that forwarded their ideas. Maybe some of you could try this and let me know your results: Tune in an AM station in the 13kc position for S-meter peak - then switch to 3kc and see if you have to retune.

One other thing I did while it was on the bench was to re-do the primary AC wiring. Someone had replaced the original line cord with a 3-cond. job. Then someone cut off the ground pin from the plug! Makes a lot of sense, huh? I noticed that the primary wiring is such that depending on which way the line cord is plugged in, you either have the switch in the hot side and the fuse in the neutral, or the other way around. I rewired the set with a new 3-wire cord and put both the switch and fuse in the hot side, as it should be.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: Dave Hutchison <djhutch@concentric.net>
Subject: Junker Hallicrafters Rcvrs Wanted
Message-ID: <32447B66.2A5@concentric.net>

Hello!

I am looking for a junker Hallicrafters receiver that has a 50 kc IF can in it. Please check your schematics on that Hallicrafters junker recvr you really don't need and drop me a line!

73's

Dave Hutchison KW9U

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: don merz <71333.144@CompuServe.COM>
Subject: Miscellaneous FS
Message-ID: <960921234140_71333.144_DHB43-1@CompuServe.COM>

Miscellaneous FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Military TV-4/U tube tester. Tiny emission type tester clearly designed for field use. Looks and works good. With manual/chart photocopy. \$20
Lenk, John D., Servicing With Dip Meters, Sams, 1965. 1st ed. Everything you can use a dip meter for and more. Includes coverage of popular dippers including Millen, Heath, B7W, Measurements and a few others.
\$9 PPD

ARRL Hints & Kinks, Vol. 8, 1968. Very good contents and very good condition. \$9 PPD

ARRL Hints & Kinks, Vol. 9, 1974. Excellent condition. \$9 PPD

General Cement 8655 Duplex Tube Pin Straightener. 7 and 9-pin tubes. Metal, surface-mount type. NIB. \$6 PPD

Violet Ray machine. Bleadon-Dun Violetta Baby Type A. Complete in imitation leather carrying case. Almost excellent condition--one wire is taped. Looks great. Untested. \$65

Knobs

HP 606 abd 608 and others. Main tuning knob. \$5 each. 2 available.
 Military TV-4/U tube tester knobs. \$3 each. 3 available.
 Hallicrafters small round knob. Used on SX-24, -25, S-20R, etc. \$5
 Hammarlund HQ-100, 110, etc. large tuning knob. \$7
 Military BC-221 knobs. 3 various. \$3/all
 Spinner knob. The kind with finger hole and big indents around edge.
 2" diameter. Black plastic with polished aluminum center. Unknown
 usage. \$5

Freebies

Hallicrafters lareg tuning knob used on S-38, S-40 and others. Edge
 damaged.
 National NC-100, NC-101, NC-100A band change and tuning knob. Center
 cracked.
 Key knob. "Japan" made. Phillips screw in bottom to attach to lever.
 Cheap thing.
 Key knob. Cracked where it holds threaded screw.
 Original shipping box for Eico 950B-K R/C Bridge Kit. Empty.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
 From: Eugene Rippen <soundval@foothill.net>
 Subject: More Books FS
 Message-ID: <32444250.1490@foothill.net>

FM AND REPEATERS FOR THE RADIO AMATEUR, ARRL	Edition: 1	Vol:
Date: 01/01/72 Author: G		4.00
INTRODUCTION TO QUANTUM MECHANICS,APPLIC TO CHEM.	Edition:	Vol:
Date: 01/01/35 Author: PAULING & WILSON G		4.00
MATHEMATICS FOR ELECTRICIANS AND RADIOMEN	Edition: 1	Vol:
Date: 01/01/42 Author: COOKE G-VG		4.50
MODERN OPTICAL ENGINEERING	Edition:	Vol:
Date: 01/01/66 Author: SMITH G		4.00
PROBABILITY AND INFORMATION THEORY, APPLN TO RADAR	Edition:	Vol:
Date: 01/01/53 Author: WOODWARD G		3.00
QCWA YEARBOOK (MEMBERSHIP DIRECTORY)	Edition:	Vol:
Date: 01/01/70 Author: G		2.00
QUANTUM MECHANICS	Edition: 1	Vol:
Date: 01/01/49 Author: SCHIFF G		4.00
RADIO CIRCUIT HINTS, SYLVANIA	Edition:	Vol: 1
Date: 01/01/43 Author: G, 77 PAGES, 4.5 X 6		2.00
RADIO ENGINEERING	Edition: 2	Vol:
Date: 01/01/37 Author: TERMAN G		20.00

RADIO ENGINEER'S HANDBOOK	Edition: 1	Vol:
Date: 01/01/43 Author: TERMAN	G INSIDE, F-P OUTSIDE	15.00
RADIO HANDBOOK	Edition: 10	Vol:
Date: 01/01/46 Author:	G	15.00
RADIO HANDBOOK	Edition: 11	Vol:
Date: 01/01/47 Author:	F-P, BUT INSIDE G	7.50
RADIO HANDBOOK	Edition: 11	Vol:
Date: 01/01/47 Author:	F-P, BUT INSIDE GOOD	10.00
RADIO HANDBOOK	Edition: 15	Vol:
Date: 01/01/59 Author:	G-F, INSIDE G	12.00
RADIO HANDBOOK	Edition: 15	Vol:
Date: 01/01/59 Author:	F	10.00
RADIO HANDBOOK	Edition: 16	Vol:
Date: 01/01/62 Author:	G, 804 PAGES	15.00
RADIO HANDBOOK	Edition: 8	Vol:
Date: 01/01/41 Author:	G BUT SPINE COVER LOOSE 1 SIDE	8.00
RADIO SHACK 1962 MAIL ORDER CATALOG	Edition: 111	Vol:
Date: 01/01/62 Author:	F-G	3.00
RADIOTRON DESIGNER'S HANDBOOK	Edition: 4	Vol:
Date: 01/01/53 Author: LANGFORD-SMITH	G, WEAR ON SPINE BINDING	45.00
RADIOTRON DESIGNER'S HANDBOOK, RCA	Edition: 3	Vol:
Date: 11/01/41 Author:	G, 352 PAGES	15.00
RCA 1965 REFERENCE BOOK, QUEMENT ELECTRONICS	Edition:	Vol:
Date: 01/01/64 Author:	VG, YEARLY GIVEAWAY POCKETBOOK	2.00
STUDY GUIDE AND REFERENCE MATERIAL, COMM OP. TEST	Edition:	Vol:
Date: 05/15/55 Author: FCC	F-G, FCX	2.00

ADD A TOTAL of only \$2 for each whole shipment.

Eugene Rippen, 105 Donnington, Auburn, CA 95603 Please, no phone calls.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996

From: Larry Godek <AZCOT@gnn.com>

Subject: Re: Need 12V pinout for Communicator IV

Message-ID: <199609210408.AAA14824@mail-e2b-service.gnn.com>

Since his address bounces, I'll send it to the BA group.

+12V to pin 7

-12V to pin 8

strap pins 1 to 4, 2 to 5, 6 to 9, 10 to 13, 11 to 14.

Thats it Sez to put a 15 amp fuse in the +12 side of the line.

Larry AZCOT@gnn.com

>Date: Fri, 20 Sep 1996 11:29:39 -0500 (CDT)
>From: "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>
>Sender: boatanchors@theporch.com
>To: Multiple recipients of list <boatanchors@theporch.com>
>Subject: Need 12V pinout for Communicator IV
>
>
> Can anyone give me the 12 volt hookup info for the Gonset
> Communicator 4? I plan on using it on the trip up to the
> Hosstrader's flea market in Rochester, NH. Maybe I'll hear
> some of y'all up there on 50.4 AM.
>
> TIA and 73,
>
> John King WA1ABI
>

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: pmills@a.crl.com (Phil Mills)
Subject: Need Manual -- CV-483/UR-17
Message-ID: <199609211447.AA23986@A.crl.com>

I need a manual or copy for the CV-483/UR-17 frequency shift
converter....please let me know if you have one available.

thanks & 73,
Phil

Phil Mills, AB5TH **** Wanted -- Tek 3A1 plug-in *****
pmills@a.crl.com **** -- 1957 ARRL Handbook *****
713-992-5762
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: John Wieder <jwieder@gunnison.com>
Subject: Paper Items
Message-ID: <199609210505.XAA01813@gunnison.com>

Is anyone interested in the following? Some are free for shipping.

National Radio Institute: Misc literature literature from the 40's. Test
equipment flyers. "Win Rich Rewards in Radio". Answer sheets. Technician
binder. National Radio News 1944-46. FREE to good home for shipping.

"Radiowave Propagation", Lucien Boithias, 1987 - \$5.00 (includes shipping)

RCA Receiving Tube Manual (includes industrial tubes), 1971 - \$5.00 (inc ship)

Depart of Army and Air Force, "Radio SETs AN/PRC-8, 8A, 9, 9A, 10, 10A
Operation and Organizational Maintenance" Like new - \$5.00 (includes shipping)

All are very good condition and complete. You take it or I trash it!

Thanks for helping me clean the shack. 73 John WA0JYJ
jwieder@gunnison.com

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: Mike Maloney <ac5p@ionet.net>
Subject: Pre WW2 Ham Shack w/HRO
Message-ID: <199609212207.RAA11632@mail.ionet.net>

>Greetings BA Gang,

> I took a step back in time this am to visit the 1939 ham shack of recent
SK Preston, W5GAE. A fully loaded shack with large custom made transmitter,
Messier Signal Shifter, HRO w/ABCD coil set, and various other
accessories, log books, catalogs, QSL's, tubes galore. Nothing could I find
dated later than 1939. Story told me second hand was that he locked the
door on the outside shack, went to the Army for duty in WW2 and when he
returned, he left the old shack as it was. He was inactive for several yrs
until the 60's when bought new gear and set it up in the house. The main
thing that caught my attention was the HRO/ps and spkr in large metal case
almost same size as the HRO. Trying to look past the 50 plus yrs of dirt
and neglect, I could see almost a pristine HRO. The shack has not been
heated or cooled for many, many a year, and a couple of window panes were
out, and a leaking roof but on the opposite side of the room from the desk.
No sign of mice or dirt doobers in the HRO, but I would guess the caps would
need replaced due to heat and age. I'm really not crazy about getting
another HRO, BUT ON THE OTHER HAND...would be nice to see it restored to
orig condition. Ques: What do you think would be a fair offer for it? \$75?
It has an extra A coil set and the B,C,D w/wood box holder. In a cabinet
were some NOS spare tubes for it. If I had the storage space, I'd make her
an offer on the whole works (she wants to get rid of it), but I just dont
want to mess with it. Nor does apparently anyone else locally.
Comments/recommends?

73/Mike ac5p@ionet.net

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: wj5j@juno.com (John D Hensley)
Subject: Printed Circuit board program
Message-ID: <19960921.001109.4791.15.wj5j@juno.com>

Hellow Glowbug crafters,

Cleaning up a bit I ran across a DOS 3.3 era pc pattern program called Smartwork. I have the manual and program copy in a downsized green binder. These were not very popular years ago because of the dot matrix printing but with ink jet technology, you should be able to fashion some quite nice board layouts for tube or restoration work.

If anyone would like to have it for shipping and anything what so ever from the old junk box, please contact me. Shipping probably 3-4 lbs.

73, Doug WJ5J
Baton Rouge, Louisiana
80 miles NW of New Orleans

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: frank_adams@onf.com (Frank Adams)
Subject: Re: Re: Surplus Conversion Manual
Message-ID: <2041560895.87646148@onf.com>

My mention of copying this book drew heavy plate current; too many folks have responded for individual replies, kindly forgive. The vast consensus is \$15 per copy, so that means it is really only worth \$10, right? Sheesh, you guys, there are *rigs* you can buy for \$15! I will confer with the copy center and, when they are ready, I'll post the list of 'anchors it covers, and ship them for \$10 + postage, if I feel they come out decent enough for you esteemed firebottle cohorts to enjoy. Look for the post here in about a week. If I owe you something, you'll probably get one anyway, whether you like it or not! There may be a special audiophile version, featuring low-oxygen toner, for \$115...<G> Looking for decent band dial for SP600, if you're parting one out, kindly email with your need.

Frank

--- OffRoad 1.0 unregistered

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996

From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Seguin TX Hamfest Report
Message-ID: <199609211828.NAA06872@legend.txdirect.net>

Just a quick report from the Seguin hamfest held this morning at the New Branufels fire department training facility. Not as easy to find as last years VFW hall but a very suitable location. Fellow BAers seen and met were Earl/K5EID, Bill/K5LLK, Rick/KI5SL and Ron/K5GIT. Not many true BAs, just a very dirty and smokey SB-220 for \$600 and a Tempo I station that jumped into my Honda. Lots of junk and a nice Omni V from Pipe Creek Bob. Just for the record the following followed me home:

- Heathkit CB lunchboxes (2) at \$3 ea (need manual)
- Heathkit 2140 counter \$5
- Heathkit HD-15 phone patch \$5
- Heathkit brown desk mike \$5
- Galaxy C-1000DC mobile power supply \$5 (need manual)
- Tempo I transceiver with remote VFO and power supply/speaker, mike, manuals. Still has plastic on the fronts. 9.5 condition. Needs work. \$75
- HRO-5 plug-in FM module \$5 (need help identifying)
- QSTs (1933, 1930, 1932 complete \$5 each set)
(1928 minus 5/6/7; 1927 minus 8/11; 1934 minus 11/12; Dec 28; Aug 25;
Oct 24; Feb 26; Mar 26; Jul 26; May 29; Jun 26; Mar 29; Dec 29; Jan
29 \$.50 each)
- 1927 Handbook
- XT computer with both floppy drives, 3 hard drives, keyboard, printer, monitor, and cable \$5

Assorted other stuff. Had a wonderful time but left about 0900--saving my strength for Belton.

73,
gary

[illegible]

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996

From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: SLR-12B
Message-ID: <Pine.SUN.3.94.960921041049.7907A-1000000@coyote.rain.org>

E.H. Scott Radio Laboratories, Inc., Chicago, IL made the SLR-12B
(according to my manual). For shipboard use.

Freq. coverage: 0.53- 1.60 Mc
 5.55- 9.55 Mc
 9.2 -15.6 Mc

Front end protected against oscillator radiation.

V-101 6K7 RF amp
V-102 6J5 HF osc
V-103 6SA7-GT first mixer
V-104 6SK7-GT first IF
V-105 6SK7-GT second IF
V-106 6H6-GT second det/AVC
V-107 6J5-GT first AF amp
V-108 6SN7-GT phase inverter
V-109 6V6-GT AF power output
V-110 6V6-GT AF power output
V-111 6E5 tuning indicator
V-112 5U4-G full-wave rectifier

That pair of 6V6's provided 10W at 3% distortion to up to five
paralleled 600-ohm speaker/transformer combos! The front-panel
headphone jack provided 30 mW at 600 ohms.

13.75H x 20.5W x 18.5D, 104 pounds (in cabinet, on baseplate).
10.5H x 19W x 18.5D, 80 pounds (chassis without cabinet).

Accessories: Model 262 inverter (115VDC to 115VAC)
 Model SPM-12 speaker 14 3/8 x 9 3/4 x 14 3/8, 28 lbs.

All in all, one perfectly *gorgeous* receiver!

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Super Pro 110 pwr supply info needed.
Message-ID: <01I9R0S99JQW000N8H@ACS.EKU.EDU>

The "stored in a barn for 20 years" Super Pro is minus
the power supply. I need information on voltages required if
anyone has anything on that, please.

It does have the old power cable to connect between rcvr and ps...

Thank you.

73, A1 N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky
LOOKING FOR (WTB): Morrow RTS-600S ps/spkr
Multi-Elmac M-1070 ps
Harvey-Wells APS-50 ps

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: wj5j@juno.com (John D Hensley)
Subject: Surplus Conversion Manuals: II and III
Message-ID: <19960920.234439.4791.0.wj5j@juno.com>

Hello to Frank and the group,

I read Frank's post with interest and can help with one of the series also.

I have Volume III which applies to 35 or so different units; about 90 pages The front cover highlights these:

701-A
AN/APN-1
AN/ART-13
AN/CRC-7
ARA
BC-442, 453-455, 456-459, 603, 696,
950, 1066, 1253
CBY-29125, 50083, 50141, 52208-11,
52232, 52302-09
FT-241A (for crystal filter)
MBF (COL-43065)
MD-7/ARC-5
R-9/APN-4
R23-R28/ARC-5
RAT, RAV
RM-52 (53)
RT-19/ARC-4
SCR-274N
SCR-522 (includes schematic & parts list)

T-15/ARC-5 to T-23/ARC-5
etc.

If BA members would like a copy, just contact me
via private post. Now if we could just find volumes
one and four !

73, Doug Hensley, WJ5J

***** WJ5J / NNN0BXX *****
Wanted: Mech filter switch & rear 2 eccentric gears,
3kc & 1kc filters, Collins name tag, upper/lower cover,
pwr xmfr, IF xmfr slugs, all for Collins r388a/51J4....
Searching for KS1 p.s. for KL1, EV664 for parts, Nat'l
rack spkr, coil holder, and xcal for HRO-60R. T I A.
***** wj5j @ juno.com *****

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: John Kolb <jlkolb@cts.com>
Subject: Re: Surplus Conversion Manuals: II and III
Message-ID: <Pine.SC0.3.91.960920231440.16965E-100000@sd.cts.com>

On Fri, 20 Sep 1996, John D Hensley wrote:

> I have Volume III which applies to 35 or so different
> units; about 90 pages The front cover highlights these:
>
> If BA members would like a copy, just contact me
> via private post. Now if we could just find volumes
> one and four !
>

Hello to John, Frank and the group.

I've got Vol 1, which covers:

BC-221
BC-342, 312, 348
BC-412
BC-645
BC-946
SRC-274 (453A)
SRC-274
SRC-522
TBY
PE-103A

BC-1068A/1161A
Electronic surplus index
cross index of A/N tubes
Amateur frequency allocations

Any idea how a bound book like this can be copied without ruining it? (If there's anyone that does need a copy?)

73

John KK6IL jlkolb@cts.com

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: The ARRL Letter Update 9/20/96 (fwd)
Message-ID: <Pine.ULT.3.95.960920230859.24572H-100000@admin.aurora.edu>

The item below was received in the ARRL LETTER.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

Info on older Kenwoods: Kenwood is offering FTP access to many Kenwood service bulletins and application notes via the Internet. Visit the Kenwood FTP site from Kenwood's Web page, <http://www.kenwood.net/> (click on What's New at Kenwood) or directly at <ftp://ftp.kenwood.net>. The FTP site includes Kenwood equipment bulletins and notes dating back to 1975.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
Subject: TRADE Nat. NC-46 Rcvr for HF MOBILE ANTENNA

For Trade:

National NC-46 receiver (pre-SSB) in working condition. Cosmetically decent; with spec sheet and speaker (non-original).

Will trade for HF mobile antenna (Spyder, etc.).

Let me know what you've got and I'll e-mail further information on the receiver.

Thanks!

Michael J. Scanlan, WA EPW/6
Reply to: <mscanlan@barepower.net>

----- Forwarded message ends here -----

* * * * *
* NOTE: The message above is a re-post from the newsgroup rec.radio.swap. *
* All replies *must* go to the person making the post, not me. *
* * * * *

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: Re: Transceiver CW Filtering (Was: NCX-5 -- Mark 2?)
Message-ID: <199609210405.VAA01993@dfw-ix5.ix.netcom.com>

You wrote:

>
>
>>>Is there *any* xcvr with CW selectivity in its rx?
>

> Ahoy,
> Didn't Drake's TR4Cw offer narrower filtering than the plain
vanilla
>TR-4C? If not, what was the difference between the two?
> --Paul

My primary SSB rig is a Drake TR4Cw. It has a 500Hz filter. Drake made
two versions of the TR4Cw. Both had the 500Hz filter, one also had RIT.

73, Niel - WA5VLZ

From boatanchors@theporch.com Sat Sep 21 16:04:32 1996
From: scotgray <scotgray@cwnet.com>
Subject: Re: Transceiver CW Filtering (Was: NCX-5 -- Mark 2?)

Niel Wiegand wrote:

> You wrote:

> >

> >

> > Ahoy,

```
> vanilla
```

> > --Paul

> My primary SSB rig is a Drake TR4Cw. It has a 500Hz filter. Drake made

>

Also the Drake TR-6 (6 meters only-looks like the TR4) had provisions for plug-in CW filter and AM wide filter.

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996

Subject: Valiant, one more round

I have been preparing to investigate what I assumed would be a VHF parasitic in my Valiant. The scope shows otherwise, with HV on and no drive a very nice, clean sine wave at 309 Kcs. is available at the grid and output of the 6146's (which are quite happy amplifying this low frequency). As expected, the signal does not show up on the driver side of the coupling caps (given their small value) indicating that the signal does not originate elsewhere. It also does not show up on the cold side of the clamp tube choke. This signal shows up in both AM and CW mode and does not appear to originate in the modulator section. Of course it is attenuated somewhat by the small output coupling cap but still puts out enough power to cause very incorrect SWR readings (indicates about 5 watts on output meter terminated in 50 ohm dummy load though I wouldn't want to bet on the meter accuracy at 300 kcs.); also when the oscillation starts it increases resting plate current to 30 to 40 mils-how does it start? Well, it is tunable (in amplitude) with the output coupling caps and to a lesser extent with the plate tuning cap and the oscillation tends to start and increase near the normal settings of

these controls on 40, 20, and 15.

Anyone run into this particular problem before and/or have suggestions on what is going on here?

Rodger
WQ9E

rbsingl@ilstu.edu

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: Weekend = hamfest = EFJ Challenger manual, req'd pls.
Message-ID: <Pine.OSF.3.93.960921164853.25024A-100000@govonca2.gov.on.ca>

This time my luck ran .50 - the radio was there, but no manual. Sometimes is, but better than manual with no radio, I think.

So... as is the norm post-fests, I join the weekend fray looking for photocopy of a Johnson Challenger manual, in my case.

Usual pleas and condx apply re. copy and mailing costs paid.
(and to even the BA karma of provision, the manual copies I promised to those who scooped stuff LAST weekend with no manuals will be copied and mailed in a couple days when I get back to my office (and the nearby copy centre at lunch time) after a classroom week learning something new to terrorize hapless clients with).

Another group of tubes getting ready to warm the winter ether, once I have paper that tells how one runs a Challenger (and of course the rest of the guts inside).

Brien
Toronto

pepperb@gov.on.ca

From boatanchors@theporch.com Sat Sep 21 22:17:26 1996
From: PGWH83A@prodigy.com (BOB FRIESS)
Subject: WTB HV Connectors
Message-ID: <199609220258.WAA14554@mime3.prodigy.com>

-- [From: Robert Friess * EMC.Ver #2.5.1] --

Hi Gang,

I decided to find a use for some 813s that have been kicking around in the closet for a while. I need to find a couple HV connectors similar to Millen 37001. They were commonplace a decade or two ago, now seems like they are rare. Anyone have a couple that they are willing to sell?

73,

Bob, N6CM